CLAIMS

What is claimed is:

1   1.   A method for collecting data regarding network service operation, the

2   method comprising:

3   · intercepting a message directed to a network service;

4   storing information about the message; and

5   transmitting the message to a destination network service.

1   2.   The method of claim 1, wherein intercepting a message comprises

2   intercepting a message sent by a developed network service.

1   3.   The method of claim 1, wherein intercepting a message comprises

2   intercepting a message using a network proxy that is intermediate the client and the

3   destination network service.

1   4.   The method of claim 1, wherein storing information about the message

2   comprises storing information about the message using a network proxy.

1   5.   The method of claim 4, wherein storing information about the message

2   comprises storing information about at least one of a time the message was received,

3   an identity of the client that sent the message, an identity of the destination network

4   service, a time at which the message was transmitted to the destination network

5   service, and information about the substance of the message.

1   6.   The method of claim 1, wherein transmitting the message to a
2   destination network service comprises transmitting the message to an external
3   network service.

1   7.   The method of claim 1, wherein transmitting the message to a
2   destination network service comprises transmitting the message to a mock network
3   service that emulates operation of an external network service.

1   8.   The method of claim 1, further comprising interjecting instrumentation
2   information into the message prior to transmitting the message to the destination
3   network service.

1   9.   The method of claim 8, wherein interjecting instrumentation
2   information comprises interjecting instrumentation information using a network proxy
3   that is intermediate the client and the destination network service.

1   10.   The method of claim 9, wherein interjecting instrumentation
2   information comprises adding instrumentation information to a header of the message.

1   11.   The method of claim 9, wherein interjecting instrumentation
2   information comprises interjecting at least one of a time the message was received, an
3   identity of the client that sent the message, an identity of the destination network
4   service, a time at which the message was transmitted to the destination network
5   service, and information about the substance of the message.

1   12.   The method of claim 11, further comprising receiving a response from

2   the destination network service and storing data regarding the response.

1   13.   The method of claim 12, wherein storing data regarding the response

2   comprises storing data using a network proxy through which the response is routed.

1   14.   The method of claim 13, wherein storing data regarding the response

2   comprises storing at least one of a time the response was received, an identity of the

3   destination network service, a time that the message transmitted to the destination

4   network service was received, and a time that the response was transmitted by the

5   destination network service.

1   15.   A system for collecting data regarding network service operation, the

2   system comprising:

3   means for intercepting a message directed to a network service;

4   means for storing information about the message;

5   means for interjecting instrumentation into the message; and

6   means for transmitting the message to a destination network service.

1   16.   The system of claim 15, wherein the means for intercepting a message

2   comprise a network proxy that is intermediate the client and the destination network

3   service.

1   17.   The system of claim 15, wherein the means for storing information

2   comprise means for storing information about at least one of a time the message was

3   received, an identity of the client that sent the message, an identity of the destination

4   network service, a time at which the message was transmitted to the destination

5   network service, and information about the substance of the message.

1   18.   The system of claim 15, wherein the means for interjecting

2   instrumentation information comprise a network proxy that is intermediate the client

3   and the destination network service.

1   19.   The system of claim 15, wherein the means for interjecting

2   instrumentation information comprise means for adding instrumentation information

3   to a header of the message.

1   20.   The system of claim 15, wherein the means for interjecting

2   instrumentation information comprise means for interjecting at least one of a time the

3   message was received, an identity of the client that sent the message, an identity of the

4   destination network service, a time at which the message was transmitted to the

5   destination network service, and information about the substance of the message.

1   21.   The system of claim 15, further comprising means for storing data

2   regarding a response received from the destination network service.

1   22.   The system of claim 21, wherein the means for storing data regarding a

2   response comprise a network proxy.

1   23.   The system of claim 21, wherein the means for storing data regarding

2   the response comprise means for storing at least one of a time the response was

3   received, an identity of the destination network service, a time that the message

4   transmitted to the destination network service was received, and a time that the

5   response was transmitted by the destination network service.

1   24.   A network proxy stored on a computer-readable medium, the proxy

2   comprising:

3   logic configured to intercept messages directed to a network service;

4   logic configured to store information about the message; and

5   logic configured to transmit the message to a destination network service.

1   25.   The network proxy of claim 24, wherein the logic configured to store

2   information about the message comprises logic configured to store information about

3   at least one of a time the message was received, an identity of the client that sent the

4   message, an identity of the destination network service, a time at which the message

5   was transmitted to the destination network service, and information about the

6   substance of the message.

1   26.   The network proxy of claim 24, wherein the logic configured to

2   transmit is configured to transmit the message to one of an external network service

3   and a mock network service that emulates operation of the external network service.

1   27.   The network proxy of claim 24, further comprising logic configured to

2   interject instrumentation information into the message.

1   28.   The network proxy of claim 27, wherein the logic configured to

2   interject instrumentation information comprises logic configured to add

3   instrumentation information to a header of the message.

1   29.   The network proxy of claim 27, wherein the logic configured to

2   interject instrumentation information comprises logic configured to interject at least

3   one of a time the message was received, an identity of the client that sent the message,

4   an identity of the destination network service, a time at which the message was

5   transmitted to the destination network service, and information about the substance of

6   the message.

1   30.   The network proxy of claim 24, further comprising logic configured to

2   receive a response from the destination network service and logic configured to store

3   data regarding the response.

1   31.   The network proxy of claim 30, wherein the logic configured to store

2   data regarding the response comprises logic configured to store at least one of a time

3   the response was received, an identity of the destination network service, a time that

4   the message transmitted to the destination network service was received, and a time

5   that the response was transmitted by the destination network service.